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Application Serial Number: _____ 10/664, 603A

Source: _____ IFW016,

Date Processed by STIC: _____ 05/01/2006

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PATENT APPLICATION:  US/10/664,603A     TIME: 10:02:51

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   2        Ragsdale, David
   3        Cossette, Patrick
   4        Rochefort, Daniel
   5        Lafreniere, Ronald G.
   6 <120> TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF
AND
   7        METHODS USING SAME TO ASSESS, DIAGNOSE, PROGNOSE OR TREAT
   8        EPILEPSY
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  11 <141> CURRENT FILING DATE: 2003-09-17
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221    cacatgaatg acttcttcca ctccttcctg attgtgttcc gcgtgctgtg tggggagtgg   3120
222    atagagacca tgtgggactg tatggaggtt gctggtcaag ccatgtgcct tactgtcttc   3180
223    atgatggtca tggtgattgg aaacctagtg gtcctgaatc tctttctggc cttgcttctg   3240
224    agctcattta gtgcagacaa ccttgcagcc actgatgatg ataatgaaat gaataatctc   3300
225    caaattgctg tggataggat gcacaaagga gtagcttatg tgaaaagaaa aatatatgaa   3360
226    tttattcaac agtccttcat taggaaacaa aagattttag atgaaattaa accacttgat   3420
227    gatctaaaca acaagaaaga cagttgtatg tccaatcata cagcagaaat gggaaagat   3480
228    cttgactatc ttaaagatgt aaatggaact acaagtggta taggaactgg cagcagtgtt   3540
229    gaaaaataca ttattgatga aagtgattac atgtcattca taaacaaccc cagtcttact   3600
230    gtgactgtac caattgctgt aggagaatct gactttgaaa atttaaacac ggaagacttt   3660
231    agtagtgaat cggatctgga agaaagcaaa gagaaactga atgaaagcag tagctcatca   3720
232    gaaggtagca ctgtggacat cggcgcacct gtagaagaac agcccgtagt ggaacctgaa   3780
233    gaaactcttg aaccagaagc ttgtttcact gaaggctgtg tacaaagatt caagtgttgt   3840
234    caaatcaatg tggaagaagg cagaggaaaa caatggtgga acctgagaag gacgtgtttc   3900
235    cgaatagttg aacataactg gtttgagacc ttcattgttt tcatgattct ccttagtagt   3960
236    ggtgctctgg catttgaaga tatatatatt gatcagcgaa agacgattaa gacgatgttg   4020
237    gaatatgctg acaaggtttt cacttacatt ttcattctgg aaatgcttct aaaatgggtg   4080
238    gcatatggct atcaaaatat ttcaccaatg cctggtgttg ctggacttc ttaattgttg   4140
239    atgtttcatt ggtcagttta acagcaaatg ccttgggtta ctcagaactt ggagccatca   4200
240    aatctctcag gacactaaga gctctgagac ctctaagagc cttatctcga tttgaaggga   4260
241    tgagggtggt tgtgaatgcc ctttttaggag caattccatc catcatgaat gtgcttctgg   4320
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/01/2006
PATENT APPLICATION: US/10/664,603A   TIME: 10:02:52

Input Set : N:\Crf4\04272006\J664603B.raw
Output Set: N:\CRF4\05012006\J664603A.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:23; N Pos. 393,415,454,513
Seq#:29; N Pos. 43
Seq#:41; N Pos. 293
Seq#:42; N Pos. 133
Seq#:44; N Pos. 229
Seq#:48; N Pos. 164
Seq#:55; N Pos. 90,378,379,380,381,382,383,384,385,386
Seq#:67; Xaa Pos. 122
Seq#:68; Xaa Pos. 122
Seq#:84; N Pos. 477

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 6
Seq#:99; Line(s) 4137
Seq#:100; Line(s) 4146
Seq#:101; Line(s) 4155
Seq#:102; Line(s) 4164
Seq#:103; Line(s) 4173
Seq#:104; Line(s) 4182
Seq#:105; Line(s) 4191
Seq#:106; Line(s) 4200
Seq#:107; Line(s) 4209
Seq#:108; Line(s) 4218
Seq#:109; Line(s) 4227
Seq#:110; Line(s) 4236
Seq#:111; Line(s) 4245
Seq#:112; Line(s) 4254
Seq#:113; Line(s) 4263
Seq#:114; Line(s) 4272
Seq#:115; Line(s) 4281
Seq#:116; Line(s) 4290
Seq#:117; Line(s) 4299
Seq#:118; Line(s) 4308
Seq#:119; Line(s) 4317
Seq#:120; Line(s) 4326
Seq#:121; Line(s) 4335
Seq#:122; Line(s) 4344
Seq#:123; Line(s) 4353
Seq#:124; Line(s) 4362
Seq#:125; Line(s) 4371
Seq#:126; Line(s) 4380

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/01/2006
PATENT APPLICATION: US/10/664,603A   TIME: 10:02:52

Input Set : N:\Crf4\04272006\J664603B.raw
Output Set: N:\CRF4\05012006\J664603A.raw

```
Seq#:127;  Line(s)  4389
Seq#:128;  Line(s)  4398
Seq#:129;  Line(s)  4407
Seq#:130;  Line(s)  4416
Seq#:131;  Line(s)  4425
Seq#:132;  Line(s)  4434
Seq#:133;  Line(s)  4443
Seq#:134;  Line(s)  4452
Seq#:135;  Line(s)  4461
Seq#:136;  Line(s)  4470
Seq#:137;  Line(s)  4479
Seq#:138;  Line(s)  4488
Seq#:139;  Line(s)  4497
Seq#:140;  Line(s)  4506
Seq#:141;  Line(s)  4515
Seq#:142;  Line(s)  4524
Seq#:143;  Line(s)  4533
Seq#:144;  Line(s)  4542
Seq#:145;  Line(s)  4551
Seq#:146;  Line(s)  4560
Seq#:147;  Line(s)  4569
Seq#:148;  Line(s)  4578
Seq#:149;  Line(s)  4587
Seq#:150;  Line(s)  4596
Seq#:151;  Line(s)  4605
Seq#:152;  Line(s)  4614
Seq#:153;  Line(s)  4623
Seq#:154;  Line(s)  4632
Seq#:155;  Line(s)  4641
Seq#:156;  Line(s)  4650
Seq#:157;  Line(s)  4659
Seq#:158;  Line(s)  4668
Seq#:159;  Line(s)  4677
Seq#:160;  Line(s)  4686
Seq#:161;  Line(s)  4695
Seq#:162;  Line(s)  4704
Seq#:163;  Line(s)  4713
Seq#:164;  Line(s)  4722
Seq#:165;  Line(s)  4731
Seq#:166;  Line(s)  4740
Seq#:167;  Line(s)  4749
Seq#:168;  Line(s)  4758
Seq#:169;  Line(s)  4767
Seq#:170;  Line(s)  4776
Seq#:171;  Line(s)  4785
Seq#:172;  Line(s)  4794
Seq#:173;  Line(s)  4803
Seq#:174;  Line(s)  4812
Seq#:175;  Line(s)  4821
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/01/2006
PATENT APPLICATION: US/10/664,603A   TIME: 10:02:52

Input Set : N:\Crf4\04272006\J664603B.raw
Output Set: N:\CRF4\05012006\J664603A.raw

```
Seq#:176; Line(s) 4830
Seq#:177; Line(s) 4839
Seq#:178; Line(s) 4848
Seq#:179; Line(s) 4857
Seq#:180; Line(s) 4866
Seq#:181; Line(s) 4875
Seq#:182; Line(s) 4884
Seq#:183; Line(s) 4893
Seq#:184; Line(s) 4902
Seq#:185; Line(s) 4911
Seq#:186; Line(s) 4920
Seq#:187; Line(s) 4929
Seq#:188; Line(s) 4938
Seq#:193; Line(s) 4975
Seq#:194; Line(s) 4984
Seq#:195; Line(s) 4993
Seq#:196; Line(s) 5002
Seq#:197; Line(s) 5011
Seq#:198; Line(s) 5020
Seq#:199; Line(s) 5029
Seq#:200; Line(s) 5038
Seq#:201; Line(s) 5047
Seq#:202; Line(s) 5056
Seq#:203; Line(s) 5065
Seq#:204; Line(s) 5074
Seq#:205; Line(s) 5083
Seq#:206; Line(s) 5092
Seq#:207; Line(s) 5101
Seq#:208; Line(s) 5110
Seq#:209; Line(s) 5119
Seq#:210; Line(s) 5128
Seq#:211; Line(s) 5137
Seq#:212; Line(s) 5146
Seq#:213; Line(s) 5155
Seq#:214; Line(s) 5164
Seq#:215; Line(s) 5173
Seq#:216; Line(s) 5182
Seq#:217; Line(s) 5191
Seq#:218; Line(s) 5200
Seq#:219; Line(s) 5209
Seq#:220; Line(s) 5218
Seq#:221; Line(s) 5227
Seq#:222; Line(s) 5236
Seq#:223; Line(s) 5245
Seq#:224; Line(s) 5254
Seq#:225; Line(s) 5263
Seq#:226; Line(s) 5272
Seq#:227; Line(s) 5281
Seq#:228; Line(s) 5290
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/01/2006
PATENT APPLICATION: US/10/664,603A   TIME: 10:02:52

Input Set : **N:\Crf4\04272006\J664603B.raw**
Output Set: **N:\CRF4\05012006\J664603A.raw**

```
Seq#:229; Line(s) 5299
Seq#:230; Line(s) 5308
Seq#:231; Line(s) 5317
Seq#:232; Line(s) 5326
Seq#:233; Line(s) 5335
Seq#:234; Line(s) 5344
Seq#:235; Line(s) 5353
Seq#:236; Line(s) 5362
Seq#:237; Line(s) 5371
Seq#:238; Line(s) 5380
Seq#:239; Line(s) 5389
Seq#:240; Line(s) 5398
Seq#:241; Line(s) 5407
Seq#:242; Line(s) 5416
Seq#:243; Line(s) 5425
Seq#:244; Line(s) 5434
Seq#:245; Line(s) 5443
Seq#:246; Line(s) 5452
Seq#:247; Line(s) 5461
Seq#:248; Line(s) 5470
Seq#:249; Line(s) 5479
Seq#:250; Line(s) 5488
Seq#:251; Line(s) 5497
Seq#:252; Line(s) 5506
Seq#:253; Line(s) 5515
Seq#:254; Line(s) 5524
Seq#:255; Line(s) 5533
Seq#:256; Line(s) 5542
Seq#:257; Line(s) 5551
Seq#:258; Line(s) 5560
Seq#:259; Line(s) 5569
Seq#:260; Line(s) 5578
Seq#:261; Line(s) 5587
Seq#:262; Line(s) 5596
Seq#:263; Line(s) 5605
Seq#:264; Line(s) 5614
Seq#:265; Line(s) 5623
Seq#:266; Line(s) 5632
Seq#:267; Line(s) 5641
Seq#:268; Line(s) 5650
Seq#:269; Line(s) 5659
Seq#:270; Line(s) 5668
Seq#:271; Line(s) 5677
Seq#:272; Line(s) 5686
Seq#:273; Line(s) 5695
Seq#:274; Line(s) 5704
Seq#:275; Line(s) 5713
Seq#:276; Line(s) 5722
Seq#:277; Line(s) 5731
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/01/2006
PATENT APPLICATION: US/10/664,603A   TIME: 10:02:52

Input Set : **N:\Crf4\04272006\J664603B.raw**
Output Set: **N:\CRF4\05012006\J664603A.raw**

```
Seq#:278; Line(s) 5740
Seq#:279; Line(s) 5749
Seq#:280; Line(s) 5758
Seq#:281; Line(s) 5767
Seq#:282; Line(s) 5776
Seq#:283; Line(s) 5785
Seq#:284; Line(s) 5794
Seq#:285; Line(s) 5803
Seq#:286; Line(s) 5812
Seq#:287; Line(s) 5821
Seq#:288; Line(s) 5830
Seq#:289; Line(s) 5839
Seq#:290; Line(s) 5848
Seq#:291; Line(s) 5857
Seq#:292; Line(s) 5866
Seq#:293; Line(s) 5875
Seq#:294; Line(s) 5884
Seq#:295; Line(s) 5893
Seq#:296; Line(s) 5902
Seq#:297; Line(s) 5911
Seq#:298; Line(s) 5920
Seq#:299; Line(s) 5929
Seq#:300; Line(s) 5938
Seq#:301; Line(s) 5947
Seq#:302; Line(s) 5956
Seq#:303; Line(s) 5965
Seq#:304; Line(s) 5974
Seq#:305; Line(s) 5983
Seq#:306; Line(s) 5992
Seq#:310; Line(s) 6022
Seq#:311; Line(s) 6031
Seq#:312; Line(s) 6040
Seq#:313; Line(s) 6049
Seq#:314; Line(s) 6058
Seq#:315; Line(s) 6067
Seq#:316; Line(s) 6076
Seq#:317; Line(s) 6085
Seq#:318; Line(s) 6094
Seq#:319; Line(s) 6103
Seq#:320; Line(s) 6112
Seq#:321; Line(s) 6121
Seq#:322; Line(s) 6130
Seq#:323; Line(s) 6139
Seq#:324; Line(s) 6148
Seq#:325; Line(s) 6157
Seq#:326; Line(s) 6166
Seq#:327; Line(s) 6175
Seq#:328; Line(s) 6184
Seq#:329; Line(s) 6193
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/01/2006
PATENT APPLICATION: US/10/664,603A   TIME: 10:02:52

Input Set : **N:\Crf4\04272006\J664603B.raw**
Output Set: **N:\CRF4\05012006\J664603A.raw**

```
Seq#:330; Line(s) 6202
Seq#:331; Line(s) 6211
Seq#:332; Line(s) 6220
Seq#:333; Line(s) 6229
Seq#:334; Line(s) 6238
Seq#:335; Line(s) 6247
Seq#:336; Line(s) 6256
Seq#:337; Line(s) 6265
Seq#:338; Line(s) 6274
Seq#:339; Line(s) 6283
Seq#:340; Line(s) 6292
Seq#:341; Line(s) 6301
Seq#:342; Line(s) 6310
Seq#:343; Line(s) 6319
Seq#:344; Line(s) 6328
Seq#:345; Line(s) 6337
Seq#:346; Line(s) 6346
Seq#:347; Line(s) 6355
Seq#:348; Line(s) 6364
Seq#:349; Line(s) 6373
Seq#:350; Line(s) 6382
Seq#:351; Line(s) 6391
Seq#:352; Line(s) 6400
Seq#:353; Line(s) 6409
Seq#:354; Line(s) 6418
Seq#:355; Line(s) 6427
Seq#:356; Line(s) 6436
Seq#:357; Line(s) 6445
Seq#:358; Line(s) 6454
Seq#:359; Line(s) 6463
Seq#:360; Line(s) 6472
Seq#:361; Line(s) 6481
Seq#:362; Line(s) 6490
Seq#:363; Line(s) 6499
Seq#:364; Line(s) 6508
Seq#:365; Line(s) 6517
Seq#:366; Line(s) 6526
Seq#:367; Line(s) 6535
Seq#:368; Line(s) 6544
Seq#:369; Line(s) 6553
Seq#:370; Line(s) 6562
Seq#:371; Line(s) 6571
Seq#:372; Line(s) 6580
Seq#:373; Line(s) 6589
Seq#:374; Line(s) 6598
Seq#:375; Line(s) 6607
Seq#:376; Line(s) 6616
Seq#:377; Line(s) 6625
Seq#:378; Line(s) 6634
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/01/2006
PATENT APPLICATION: US/10/664,603A   TIME: 10:02:52

Input Set : **N:\Crf4\04272006\J664603B.raw**
Output Set: **N:\CRF4\05012006\J664603A.raw**

Seq#:379; Line(s) 6643
Seq#:380; Line(s) 6652
Seq#:381; Line(s) 6661
Seq#:382; Line(s) 6670
Seq#:383; Line(s) 6679
Seq#:384; Line(s) 6688
Seq#:385; Line(s) 6697
Seq#:386; Line(s) 6706
Seq#:387; Line(s) 6715
Seq#:388; Line(s) 6724
Seq#:389; Line(s) 6733
Seq#:390; Line(s) 6742
Seq#:391; Line(s) 6751
Seq#:392; Line(s) 6760
Seq#:393; Line(s) 6769
Seq#:394; Line(s) 6778
Seq#:395; Line(s) 6787
Seq#:396; Line(s) 6796
Seq#:397; Line(s) 6805
Seq#:398; Line(s) 6814
Seq#:399; Line(s) 6823

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/664,603A

DATE: 05/01/2006
TIME: 10:02:52

Input Set : **N:\Crf4\04272006\J664603B.raw**
Output Set: **N:\CRF4\05012006\J664603A.raw**

```
L:10 M:270 C: Current Application Number differs, Wrong Format
L:1169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:360
L:1170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:420
L:1171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:480
L:1260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:2268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:240
L:2283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:120
L:2314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:180
L:2385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:120
L:2520 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:60
L:2525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:360
L:3058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:112
L:3320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:112
L:3831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:420
```